

Trade & Industry Times

A publication for Indiana's Career & Technical Educators

*Indiana Department of Education
College and Career Preparation*



Of Interest

- Professional Development Opportunities
- Resource Links.
- Upcoming Events
- Student Opportunities

Please submit suggested educational resource links and story items to Career Specialist Davis Moore at dmoore@doe.in.gov

Conexus unveils "Dream it, Do it" website

Conexus Indiana announced the formal launch of DreamItDoItIndiana.com this month, an interactive, multimedia, youth-oriented website and social media network designed to highlight manufacturing and logistics careers and the education and training programs necessary to pursue them.

The online campaign is the centerpiece of Conexus' 'Dream It. Do It.' campaign, a broad marketing effort to attract more young Hoosiers into the manufacturing and logistics fields. One of every five Hoosiers are employed by these industries, but the trend of Baby Boomer retirements is creating a shortage of qualified applicants for firms involved in electric vehicles and other clean technologies, medical manufacturing, aerospace, supply chain management, and many other high-growth areas.

DreamItDoItIndiana.com allows visitors to explore careers through a series of 'micro-sites,' like 'Dream It Green' (focused on

green manufacturing and logistics careers in areas like electric vehicles and renewable energy) and 'Make It Your Own' (which offers hands-on challenges to gauge the problem-solving and technical aptitudes needed for today's industrial careers).

Visitors create personal accounts that encourage them to solve animated challenges, watch videos and receive more information. The goal is to engage young people, connect them with specific information about careers and educational opportunities, and enroll them in industry-endorsed programs of study.

Conexus is working with both secondary and post-secondary educational partners to create manufacturing and logistics programs that meet the needs of industry. The initiative has reached out to area



Conexus unveils new interactive website designed to get teens interested in careers in logistics. Visit the site below for more information.

high schools, and is in the process of creating a high school-level curriculum that will help prepare students for more advanced training after graduation. you can access the site at the link below.

DreamItDoItIndiana.com

Opportunities for Students

Ivy Tech offers certification for careers in energy

Ivy Tech is looking for students for their new Energy Grant Career Development initiative. Students can receive certified training as Natural Gas Technicians. The program offers certification in as little as one year and prepares students for careers as technicians at utility companies. For information on how to sign up contact Scott Derr at sderr1@ivytech.edu



Ivy Tech offers a new Natural Gas Technician Certification

Conexus Scholarships

Conexus Indiana is offering scholarships to students enrolling in a one-year certificate or two-year associate degree program for advanced manufacturing or logistics. Scholarships are limited to students who live in Central Indiana (Boone Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, or Shelby County). Applicants should be enrolled in a pre-engineering or another technical

program at the high school level and plan on pursuing a career in advanced manufacturing. You can find out more and apply and the link below.

<http://www.dreamitdoitindiana.com/educators/scholarships/criteria.aspx>

Opportunities for students continued on page 2.



High Tech Camp

Students hone their technology skills at Microsoft's DigiGirlyz High Tech Camps.

Opportunities for Students *Continued*

High Tech Camp for Girls

Microsoft DigiGirlyz High Tech Camp for girls works to dispel stereotypes of the high-tech industry and gives young people a chance to experience first-hand what it is like to develop cutting-edge technology. Students are exposed to executive speakers, technology tours, demonstrations, and hands-on workshops.

<https://www.microsoft.com/about/diversity/programs/digigirlz/hightechcamp.aspx>

Online Training by LEA

Indiana's Law Enforcement Academy offers a series of informative online training modules. These lessons are designed for current law enforcement officers, however they also offer a tremendous opportunity for students considering a career in law enforcement to see how the professionals get trained. You can access the online training at the link below.

<http://www.in.gov/ilea/2430.htm>



If you know of a student program, event, or opportunity that you would like to see highlighted contact Davis Moore at dmoore@doe.in.gov

Online Resource Links

Todayclass.com

Cosmetology teachers can take advantage of a free trial online resource. Today's Class offers online lessons designed to help instructors better prepare their students for board certifications. They also offers online resources and lessons for Automotive Services teachers. They provide technical training to students on automotive theory and concepts. Visit them at www.todayclass.com

gcffreelearn.org

The Goodwill Community Foundation offers a free website that students can use to brush up on basic mathematics skills, computer basics, Financial Literacy and much more. This site offers a perfect way for students to brush up on basic curriculum as they tackle the rigors of a Career and Technical education course. All courses and content are free and self paced. You can register for an account at gcffreelearn.org

Free Power Tools Guide for the Classroom

The Power Tool Institute publishes a 24-page brochure featuring lesson plans, student activities, quizzes, support materials, and references to additional information on each power tool category in "Safety Is Specific" (English and Spanish), PTI's compilation of rules and safe practices for power tools. You can find that at

[A Teacher's Reference Guide to Power Tool Safety](#)



PTI offers free power tool brochure with lesson plans and much more.

Information for Teachers

Professional Development

IUPUI School of Education, offers a variety of dynamic and convenient summer professional development opportunities for teachers. E-mail soeopd@iupui.edu for additional information.

Math-in-CTE

The Department of Workforce Development and the Indiana Department of Education are still taking applicants for this

summer's Math-in-CTE program. During the training, instructors in Building Trades, Health Sciences, Agriculture, and Automotive Services will team up with Math instructors to develop math enhanced lesson plans. Don't miss this exciting opportunity. Stipends are available and accommodations are provided. Applications are due by May 28th. For more information visit the link below. <http://www.doe.in.gov/octe/currentevents.html>

IDOE's Learning Connection

Be sure to sign up for the Indiana Department of Education's Learning Connection website. IDOE's premier site for information and resources for teachers and parents. You can find lesson plans, curriculum standards, online teaching communities, discussion forums and much more. **Click on the banner at the bottom of the page to register.**



Math-in-CTE summer professional development still accepting applications.

News & Tidbits

Teacher Registry

The National Teacher Registry is a free service for schools and teachers that enables them to create a list of the items they need for their classrooms.

Teachers do not receive enough money for the supplies they need for their classrooms. This is a growing problem with severe education budget cuts across the country.

Teachers often buy supplies with their own money but there is a limit to what they can afford to purchase. The National Teacher

Registry is a free service for teachers, parents and/or other contributors. Products are sourced from national suppliers and discounters.

There is no markup. It is designed to help teachers communicate to parents and others, the supplies that they need for their classrooms. For more information visit the registry online at

<http://www.nationalteacherregistry.com/>

Free Equipment

Computers For Learning (CFL) is offering computers and related equipment to K-12 schools and educational non-profit organizations. <http://computersforlearning.gov/>

Want to highlight a big event at your school? Let us know. E-mail Davis Moore at dmoore@doe.in.gov



Summer Opportunities for Students

Interior Architecture/Design Opportunity

Indiana state university is seeking bright, motivated high school sophomores and juniors to participate in a one-of-a-kind college experience. Engage yourself in a one-week hands-on experience while earning college credit and scholarships. Opportunities await you on our beautiful campus, but act quickly, because space is limited. There is a \$350 cost that includes room and board. Indiana State's summer honors

offers: \$1,000 in scholarship opportunities for future enrollment at Indiana State Hands-on learning one college credit

This course will introduce you to the discipline of interior architecture/design and showcase opportunities for success within this profession projects and shelters which integrate beauty, accessibility, sustainability, and technical sophistication in addition to these projects, other activities will include local architectural walking tours and a field trip to Indianapolis to visit an architectural firm and view

some of its projects. For more information and application go to: www.indstate.edu/experience/design.html



ISU offers opportunities for Design students

Upcoming Events /Useful Information

Professional Development

The Wabash Valley Education Center offers a number of professional development courses presented year round. For more information visit them at <http://www.esc5.k12.in.us/>

Indiana ACTE Fall Conference

Mark your calendar for the Indi-

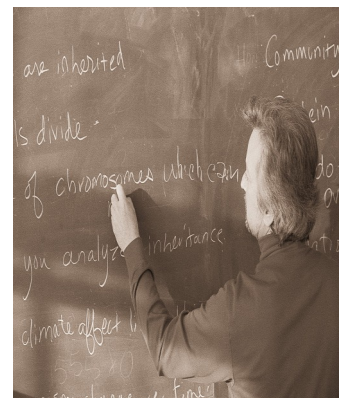
ana ACTE Fall Conference. That happens September 24 and 25 at the Wyndham hotel in Indianapolis, Sponsored by Vincennes University. IDOE will be hosting sessions on Career Pathways and Academic Integration among other valuable workshops and training opportunities. Check out the flyer on the next page for more information.

Welding/Math integrated Lesson Plan

Welding Instructors can find math enhanced lesson plans online at

<http://indianawelding.ning.com/>

The lesson plans were developed by Indiana Welding instructors and Mathematics instructors at last year's Math-in-CTE Workshop. You can find additional integrated lesson plans and other useful resources and tools online at the Learning Connection website.



Professional Development Opportunities happening this Summer



2010 Indiana ACTE & ETEI State Conference



Sponsored By:

**VINCENNES
UNIVERSITY**

Career Pathways: A Journey To Success

September 24-25, 2010

Wyndham Hotel & Conference Center ♦ Indianapolis, Indiana

Friday, September 24

8:30 a.m.	Registration Opens
10:00 a.m.	Opening Session & Keynote <i>Sponsored by ITT</i>
11:00 a.m.	Pathways Presentation Department of Education
Noon	Lunch (Provided)
1:00-5:00 p.m.	Content Specific Sessions ETEI Sessions Affiliate Sessions General Sessions
2:00-7:00 p.m.	Vendors Open
5:00-7:00 p.m.	President's Reception Snacks/Drinks/Cash Bar

Saturday, September 25

6:30-8:30 a.m.	Breakfast - Hospitality Room
9:00 a.m.-Noon	Career Pathways Sessions <i>Sessions to Address All of the 2010 Pathways Program Content and Completion Expectations.</i>
	ETEI/Affiliate Sessions
Noon-1:30 p.m.	IACTE Awards Lunch ETEI Awards Lunch <i>Sponsored by Vincennes University and Whitebox Learning</i>
1:30 p.m.	IACTE Delegate Assembly

Mark Calendars & Make Plans Now To Attend The Fall Conference
Sponsors/Events/Sessions/Activities Still Being Added & Finalized
Pre-Conference Workshops & Programs TBA

Make Sure Instructors & Administrators Of CTE Programs
Are Up To Date On The Career Pathways Initiatives

Special Thanks To:



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LEARNING**

ITT Technical Institute



Substitute Teacher Pay Reimbursement Available